ABSTRACT

A pre-stored digital word generator, more particularly, a digital word generator for providing multiple digital words. The pre-stored digital word generator includes a edge memory used to store a primary preset information; an edge address counter used to point to an address of the edge memory; a reloadable down counter used to count according to the primary preset information and trigger the edge address counter; and multiple word generating circuits having a secondary preset information. Therein, the word generating circuits compare the primary and secondary preset information and then produce the digital words according to a comparison result.